

PLANS SUBMITTAL

CONCEPTUAL: No plans are required since this phase is just to determine the feasibility and availability of a Caltrans parcel for a facility. (Refer to Proposal Checklist for submission requirements).

PRELIMINARY: The following items must be included on the preliminary plans of the proposed facility:

1. State Highway or Interstate Route number, milepost and direction.
2. Municipality and county.
3. North arrow, scale latitude and longitude.
4. Location of adjacent streets for alternate access location
5. Right of way line (include copy of Caltrans right of way record map when utilized).
6. Location of adjacent setback of proposed structures (monopoles, towers, shelters, equipment, conduits, fencing and parking).
7. Identification of the safety clear recovery zone if within access control (include calculation).
8. Location of any existing Caltrans structures (i.e. buildings, equipment, guiderails, access roads, columns).
9. Identify topography including slopes within access control area.
10. Location of aerial and underground utilities (fiber optic, electrical, telephone, etc.), and the proposed method of accessing utilities from outside the access control area.
11. Location and setback from bridge structures (include bridge number).
12. Block, lot number and lot lines of adjacent lots (include tax maps) and identify current use/improvements on adjacent property.
13. Existing landscape (outline of vegetation) with landscaping to be proposed and/or trees to be removed.
14. Height of the structure (monopole/tower) and antenna elevation.
15. Location of existing and proposed access points, driveways and parking areas.

Plans should address all issues raised by the DARC during the conceptual review and any variations from the official Siting Guidelines and the Caltrans Design Manual.

FINAL: In addition to the information above, the following items must be included on the final plans of the facility:

1. Excavation plans for the monopole/tower, conduits, equipment shelters, and other structures.
2. Landscape plan including irrigation/drip system and, if applicable, soil erosion and sediment control (include elevations, details showing architectural treatment, colors of the various facility components, etc.).
3. Curbing, sidewalks, stairs, driveways – existing and proposed (including curbline opening, driveway width and alignment with respect to the adjoining highway or local road).
4. Include construction materials for #3, i.e. concrete, gravel, pavement.
5. Signs: regulatory, warning, directional and private.
6. Highway striping, shoulder widths, slope and fencing.
7. Dimension from the right of way line to the edge of pavement.
8. Distance of nearest traffic signal, ramp or access point if less than 250 feet.
9. Plans for construction and maintenance (including a construction schedule and an “estimated” maintenance schedule).
10. Construction and attachment details, including design criteria and material specifications.
11. Details of equipment to be used to transmit and receive radio signals (include height, location on the monopole/tower, conduit, frequency, power).

Plans should address all issues raised by the preliminary DARC review and by other approving entities (FHWA, Telecom Engineer, etc.) and any variations from the official Siting Guidelines and the Caltrans Design Manual.

